

U. S. Environmental Protection Agency

REGION II

HAZARDOUS WASTE SITE

IDENTIFICATION AND PRELIMINARY ASSESSMENT

SITE IDENTIFICATION

SITE NUMBER _____

Facility Name L.E. Carpenter Co.
Phone Number 201-366-2020
Address (City, Wharton, Morris County
County, State) New Jersey
Geographical Lat- 40-54.13 Long- 74-34.40
Coordinates (degrees, minutes, seconds)
Owner of Facility Dayco Corporation
Owner of Realty N/A
Operator L.E. Carpenter Co.

STATE INFORMATION

Date site identified 30 Jan 1975
How site identified Spill investigation
State Contact: Who Peter Lynch, George Klep
When 1 Oct 1979

TYPE OF FACILITY

Active ☒
Inactive ☐
Abandoned ☐
Generator on-site facility ☒
Generator off-site facility ☐
Treatment ☐
Storage ☒
Disposal ☐

346309



* Type of Waste on Site: A. ☒ Liquid ☐ Solid ☒ Sludge
☒ Volatile B. ☐ Corrosive ☒ Ignitable ☐ Radioactive
☒ Toxic ☐ Reactive ☐ Municipal sludge
☐ Municipal Refuse ☐ Inert ☐ Other (Indicate) _____

*Attach list of all known substances, listed by (A) classification.
(Include oil and all petroleum products)

HAZARDOUS WASTE SITE - IDENTIFICATION AND PRELIMINARY ASSESSMENT

- 2 -

Waste Oil or Oil based compounds on site Yes () No (X)

Amount of waste on site 1/9/0/0 gallons/~~tons/barsrels/cubix/yards~~

Other measure: _____

Source of Information: Physical count of drums

Manner of Storage, Disposal or ☐ Pits ☐ Impoundments

Handling:

☒ Drums ☐ Tanks ☐ Deep Wells ☒ Above Ground

☐ Below Ground ☐ Incineration ☐ Transportation

☒ Land Farming ☐ Landfill ☐ Chemical Treatment

☐ Physical Treatment ☐ Biological Treatment ☐ Recycling

☐ Open Dump (No Facility)

Size or Area of Site: Approximate area and dimensions,
if known: 60' X 100'

SUBSURFACE CONDITIONS (Geology and Geohydrology) (from USGS, etc.)

o Estimate depth to aquifer 4 to 5 feet

o Direction of flow East Northeast (ENE)

o Location of potential or actual recharge and discharge
areas Rockaway River - Approximately 200 feet away

o Types of interconnection of aquifers _____

o Ground water use in vicinity Municipal Water Supply

o Bedrock formations

--Type: (Circle) Sandstone, limestone, shale, Other _____,

Unknown

--Depth from surface Approximately 70 feet

o Soil strata and overburden Unconsolidated sediment, glacial outwash

HAZARDOUS WASTE SITE - IDENTIFICATION AND PRELIMINARY ASSESSMENT

- 2 a -

HAZARD DEFINITION (Check Appropriate)

- ☒ Contamination or Threatened Contamination of Surface Water
☐ Contamination or Threatened Contamination of Air
☒ Contamination or Threatened Contamination of Groundwater
☒ Contamination or Threatened Contamination of Soil
☐ Threat of Fire or Explosion
☒ Access not controlled
☐ Population at Risk (Circle: Residential Area, Workforce, Publicity Traveled Area)
☐ Non-Compatible Waste
☒ Leaking Containers
☒ Visible Damage (structure, vegetation, etc.) Possible
☒ Water Supplies Threatened
☐ Other (indicate) _____

KNOWN OR ALLEGED INCIDENTS

<u>TYPE</u>	<u>DATE</u>	<u>TYPE</u>	<u>DATE</u>
<input checked="" type="checkbox"/> Spill/Leak	<u>30 Jan 1975</u>	<input checked="" type="checkbox"/> Surface Water Contamina- tion	<u>30 Jan 1975</u>
<input type="checkbox"/> Promiscuous Dumping	_____	<input checked="" type="checkbox"/> Fish Kill	<u>30 Jan 1975</u>
<input type="checkbox"/> Incompatible Wastes Mixed	_____	<input type="checkbox"/> Wildlife Kill	_____
<input type="checkbox"/> Inadequate Security	_____	<input type="checkbox"/> Natural Disaster	_____
<input type="checkbox"/> Fire/Explosion	_____	<input type="checkbox"/> Worker Injury	_____
<input checked="" type="checkbox"/> Groundwater Contamination	<u>May 1979</u>	<input type="checkbox"/> Non-Worker Injury/ Exposure	_____
		<input type="checkbox"/> Property Damage	_____

HAZARDOUS WASTE SITE - IDENTIFICATION AND PRELIMINARY ASSESSMENT

- 3 -

REGULATORY ACTION TO DATE

All Applicable Permits Held

None

Reconnaissance, Inspections, or Sampling Survey (List Agency and Date)

Sample analysis - 3 Feb 1975 - EPA

- May 1979 - Wharton Public Water

Past/Present Federal, State or Local Actions

Federal Fine - FWPCA - \$4,000.00

PRELIMINARY ASSESSMENT *

Apparent Seriousness of Problem ☐ High ☒ Medium

☐ Low ☐ None

State Action ☐ Planned ☒ Ongoing ☐ Concluded

☐ Adequate ☐ Inadequate ☐ None

Priority for Site Inspection ☐ High ☒ Medium

☐ Low ☐ None Needed

Date of Assessment 5 October 1979

Prepared by Kerry T. Webster

* If as a result of this preliminary assessment no further action is needed, complete the "Final Strategy Determination" Form.

U.S. Environmental Protection Agency
Region II
Hazardous Waste Site Survey Record

I. Inspection Summary

1. Facility Name: L.E. Carpenter Co.
2. Facility I.D. number: _____
3. Address (including city, county, state, zip code):
170 North Main Street
Wharton, New Jersey 07885
4. Location (Latitude, Longitude or special instructions):
Lat.- 40-54.13 Long.- 74-34.40
5. Owner or Responsible Official (title, phone number):
Mr. Felfoldy, Plant Manager
6. Operator (if different than #5)(title, phone number):
Dayco Corporation
7. Owner of Reality (and address): N/A
8. Facility Representative(s) Interviewed (title, phone number):
Mr. Henry Jarrett, Plant Engineer, 201-366-2020
9. Inspector's Name (title, division, phone number):
Paul R. Elliot, USEPA, 201-321-6670
10. Inspection Participants Names (affiliation, phone numbers):
Kerry T. Webster, Ecology and Environment, Inc.
201-494-5871
John Alonso, USEPA, 201-321-6646
11. Date of Inspection: 28 August 1979 and 4 October 1979

12. Weather: Hot, humid, sunny

13. Samples collected: yes () no (X)
groundwater () surface water () waste () air ()
runoff () spill () soil () other ()

14. Field Measurements: yes () no (X) types: _____

15. Photos Taken: yes (X) no ()

16. Site Mapped: yes (X) no ()

17. Local Residents or Workers Interviewed Yes () No (X)

18. Observations and General Remarks: _____

See narrative report attached.

II. Site Information

1. Type of Operation: a. Generator

On-site disposal ()

Off-site disposal (X)

b. Storage (X) (if yes,
complete supplemental "storage
information" form)

c. Treatment/disposal

Incineration () (if yes,
complete supplemental "incineration
information" form)

Landfill () (if yes, complete supplemental "landfill information" form)

Surface Impoundment () (if yes, complete supplemental surface "impoundment information" form)

Deep Well Injection () (if yes, complete supplemental "deep well injection information" form)

Chemical/Physical/Biological Treatment () (if yes, attach description on separate sheet)

Landfarm (X) (if yes, complete supplemental "landfarm information" form)

Open Dump — No systematic management () (attach description on separate sheet)

Recyclor () (attach description on separate sheet)

d. Transporter () (attach description on a separate sheet)

2. Site Active yes (X) no ()

2a. Site Abandoned yes () no (X)

3. Authorization: a. NPDES Permit ()
b. SPCC plan ()
c. State permits () Type _____
d. Air permit ()
e. Other (X) None

4. Waste Oil or Oil based compounds on site Yes () No (X)

4a. Waste Types and Amounts Disposed at Site (List all oil and oil compound wastes first): _____

See attachments to narrative report.

(attach extra sheet if needed) (indicate source of information)

4(b). Is waste type consistent with information on Preliminary Assessment? Yes (X) No ()

5. List sources of wastes (generator and hauler, as known):

All wastes come from L.E. Carpenter Co.

6. Identify Off-site Facilities Used For Disposal:

1978 - Hauto Co., Pennsylvania

7. Approximate Area of Site 60' X 100'

8. Distance to Surface Waters in vicinity 200 feet

9. Distance to Nearest Drinking Water Supply 200 feet

10. Identify type of drinking water supply

() private

(X) public (city of Wharton, N.J. &)

() well

Jersey City, N.J.

() surface water

11. Proximity to Public Buildings and/or Residences:

1/4 mile

12. Estimate Depth to Groundwater (basis of estimate):

4 to 5 feet - based upon NJDEP information.

13. Site is located in: a. Known fault zone ()
b. Karst zone ()
c. 100-year Floodplain (X)
d. A regulatory Floodway ()
e. Wetland ()
f. Critical habitat ()
g. Recharge zone to a sole source aquifer ()

14. Comment on the following:

a-slope Less than 10^0

b-soils permeability soil is considered highly permeable

c-recharge or discharge area "instant" - from NJDEP hydrologist

d-bedrock exposure in area (type) 70 feet below surface

e-type of geologic material observed (overburden, bedrock, sand, gravel, clay, etc) unconsolidated sediment, glacial outwash.

III. Field Evaluation Factors

If at any time during this site inspection you discover any condition requiring immediate containment or other emergency response measures, initiate remedial measures by contacting appropriate local authorities, Regional emergency response team, and H.Q. Hazardous Waste Task Force.

Answer and explain:

1. Evidence of Soil Contamination yes (X) no ()

Spills have occurred from leaking drums onto the ground surface. An open pit, below gradeline, showed evidence of soil saturation.

2. Evidence of Runoff yes (X) no ()

Some runoff has occurred and there was evidence that recent runoff into surface waters had occurred during heavy rains.

3. Evidence of Spills yes (X) no ()

Pooling of waste products has occurred in the drum holding area.

The potential exists for spills from runoff as described in #2 above.

4. Air Emissions yes () no (X)

5. Noticeable Odors yes () no (X)

6. Existing or potential erosion problems yes () no (X)

7. Evidence of Environmental Damage yes (X) no ()

Some damage to deciduous trees may have occurred near the buried waste area.

8. Evidence of Charred Open Areas, smoke etc. yes () no (X)

9. Potential for Groundwater Contamination Based on the Observed Hydrogeologic Setting yes (X) no ()

Due to nature of soil, proximity of Rockaway River, and uncontrolled runoff, a potential for further contamination exists.

10. Proper Maintenance and Operation of Runoff Collection and Confining Structures yes () no (X)

No structures constructed to control runoff from drum holding area.

Buried waste area diking is not inspected on any scheduled basis.

11. Controlled access yes () no (X)

There is uncontrolled and open access to the rear of the facility.

Security appears to be of a minimal nature.

12. Available Records For Chemical Analysis of Hazardous Waste Handled at the Facility yes () no (X)

No records exist as to the number of drums or the type of waste

buried in the area, however, all wastes are generated on site.

13. Sewers and Drains yes () no (X)

terminus of sewer:

No sewers or drains exist in the drum holding area. Several open

trenches exist for rainwater runoff and leachate collection.

14. Presence of hoses, pumps or other water diversion equipment yes () no (X)

15. Proper placarding of Trucks yes () no (X)

Not observed.

16. Contingency and Emergency Plan and Equipment Available yes () no (X)

None observed.

17. Geologic/Hydrologic/Soil Survey conducted by or for the owner/operator. Yes (X)* No ()

17(a) Is the survey in item 17 available? Yes (X) No ()

18. Engineering plan of facility available. Yes (X)* No ()

* Study conducted by Wehran Engineering. A copy is possibly available from L.E. Carpenter Co., Engineering Department.

Prepared by Kerry T. Webster

Signed _____

Title Biologist, Technical Assistance Team

Date This Report Completed 8 October 1979

Storage Facilities

Answer and explain as necessary.

1. Storage Area has Continuous Impervious Base yes () no (X)
2. Storage Area has a Confinement Structure yes () no (X)
3. Evidence of Leakage/Overflow yes (X) no () (Document where and how much runoff is overflowing or leaking from containment)

There is evidence that some spilled material from drum holding area is pooling, and is subject to runoff during heavy rain. Runoff flows directly into a feeder stream of the Rockaway River.

4. Estimate Type and Number of ~~Barrel~~/Containers: _____

Approximately 450 - 55 gallon drums

5. Glass or plastic storage containers used Yes () No (X)

6. Estimate Number and Capacity of Storage Tanks: N/A

7. Note Labeling on Containers: Labels are various and not descriptive of the drum's contents.

8. Evidence of Leakage Corrosion or Bulging of Barrels/Containers/Storage Tanks yes (X) no () (Document evidence. Describe location and extent of damage. Photograph)

See photographs accompanying narrative report.

9. Direct Venting of Storage Tanks yes () no (X) N/A

10. Check Area for Containers Holding Incompatible Substances
yes () no (X) (If yes, document evidence. Describe
location and identity of hazardous waste. Photograph)

11. Adequate Container Washing and Reuse Practices yes () no (X)

12. Adequate Practices for Disposal of Empty Storage Containers
yes () no (X)

At present, L.E. Carpenter Co. cannot find a contractor to haul their waste
products. Drummed waste is generated at a rate of 8 to 10 drums per week.

Answer and explain as necessary:

1. State permit yes () no (X)
2. Area (dimensions of site): 50' X 50'
3. Application rate Approx. 350 gallons/week
4. Improper Disposal of Unauthorized Material in Land Farm
yes () no (X)
5. Diversion structures are Effectively Constructed and
Properly Maintained yes (X) no ()
6. Evidence of Ponding of Liquid on Site yes (X) no ()
7. Odors (especially hydrogen sulfide) Yes () No (X)
indicate: _____

8. General Physical appearance of soil (color, clasticity,
etc): Soil is tan to gray in color, granular in consistency.

9. Vegetation on Landfarm: Heavy grass cover along periphery of
open pit area. Little vegetation growing on dry areas of open pit
surface.

10. pH: approx. 7.3 - based upon studies of disposal area conducted Jan. 1979
by Rockaway Valley Sewerage Authority.

Val. Boston Reservoir = 8.3 billion gal

11⁰⁵ AM

Called Regner's shop

have applied and a final permit has been issued
Jon Reidy # 9283

John

Tom Josephs handled

cooling water discharge handled by

Thermal group.

Violated permits program by pumping from lagoon.

Vinyl coating

Process, washing of bleached cotton:

Not required waste 3 oil/grease disodium phosphate Borax; NaOH
application reported: subsurface disposal 85,000 gal
hydrogen peroxide
: lagoon

Water Corp. Notified Carpenters 1/29/75 4⁰⁰ PM
that they were losing oil.

Mike Palito

Organic Gunk smells creek to lockaway
Naytha, soy bean oil,

holding ponds pump out to stream.
State advised to clean. legom.

• 12:15 called Mac
relayed info. Suggested Jerry City water to
take sample.

file
Carpenter file

10³⁰ PM

L. E. Carpenter Co.
170 Main ST
Wharton N.J.

Vinyl Coatings

Starchy Waste

Hg. or MEK

fish Kill

Highly flammable.

2 settling ponds - ponds are leaching and
they pumped ~~sewage~~ into Rockaway River
water supply (Jersey City) and Passaic
Valley Water Supply.

10³⁰ PM

John Verman - Mr. Janoff

in a meeting with Jersey City & Passaic
Valley

- Coastal Services in route
- oil also involved
- No effluent

10³⁰ A.M.

Call Outwater / P.A.

Mac Elmore - Water Supply

Hg. .002 mg/L limit.

Jersey City has no treatment. Closing Boonton
Reservoir would be disaster (FDA?).

Occurred yesterday sometime.

Flow time to reservoir 24 hr.

Pumped 10,000 gal of mixture not 100%
less than 1000 gal.

SPCC resolution

air pollution problem

W
2/17/92

DeLores

Don
~~Table 1~~
Fig 1 and 2 me 1
2 rows 20

Mayo

Don
Fig 3
Table 1
Fig 7, 8, 9, 10, 11, 12
13, 14, 15, 16
Table 3

Swain
130
202
254-7830
P. 1-0
141
Essex
m-
d-ey-

ATTACHMENT I

Vicrtex[®]
LE CARPENTER
AND COMPANY



A DAYCO COMPANY

WHARTON, NEW JERSEY 07885

TELEPHONE 201-386-2020 • CABLE-CARPENCO

January 30, 1975

Prepared for: Jersey City Water Works

COATING COMPOUND INGREDIENTS:

Polyvinyl chloride resins

Phthalate ester plasticizers

Phosphate plasticizers

Chlorinated paraffin plasticizers

Epoxidized Soy Bean Oil plasticizers

Stabilizers - Barium, Cadmium, Zinc compounds

Calcium Carbonate Fillers

Magnesium Hydroxide

Zinc Borate

Antimony Oxide

Pigments: primarily Titanium Dioxide. Other colors contain
metallics such as cadmium, etc.

Fungicides: Bis Tri-Butyl Tin Oxide, and a condensation
product of 10,10' oxybisphenoxarsine and epoxidized
soy bean oil.

Calcium organic complex thickening agent

Naphtha

List of chemicals on property

2:00 PM - Finally I walked back up the ~~stream~~ small stream that feeds into the Rockaway River. ~~that~~ I found a pit containing a whitish fluid on L.F. Carpenter Co property. This pit discharged into this small stream.

2:30 PM - I went back to Mr. farrell's office. He was out so I left a message that I recommended that cleanup work continue on Saturday 1 Feb rather than wait until Monday.

2:45 PM - I left the plant.

L.E. CARPENTER CO
HYDROCARBON SPILL

31 JAN. 75

1:15 PM - arrived at the facility and met with Mr. Jarrett, Chief Engineer for L.E. Carpenter Co. Mr. Jarrett stated that they had been excavating to place oil storage tanks underground. However groundwater had begun to seep into the excavated hole. Mr. Jarrett further stated that this seepage began to pull out various hydrocarbons that had soaked into the ground over the last 30-40 years. Mr. Jarrett stated that this waste material had been discharged from their plant exhaust until effective air pollution controls had been instituted. He then gave me a list of the chemicals his company works with and stated that possibly the ^{waste} material in the excavation pit contained a certain amount of each chemical. Mr. Jarrett stated that the spill occurred when they dewatered the pit. They did not monitor this dewatering process and, as more waste hydrocarbons and chemicals seeped into the pit, they began to discharge the waste hydrocarbon and chemicals into a small stream that feeds into the Rockaway River.

1:45 PM - I then inspected the cleanup operations. A film of the waste material still covered the small creek. The cleanup effort was concentrated on this area. Approximately 300-400 gallons of waste material had been recovered.



January 30, 1975

Prepared for: Jersey City Water Works

COATING COMPOUND INGREDIENTS:

Polyvinyl chloride resins

Phthalate ester plasticizers

Phosphate plasticizers

Chlorinated paraffin plasticizers

Epoxidized Soy Bean Oil plasticizers

Stabilizers - Barium, Cadmium, Zinc compounds

Calcium Carbonate Fillers

Magnesium Hydroxide

Zinc Borate

Antimony Oxide

Pigments: primarily Titanium Dioxide. Other colors contain
metallics such as cadmium, etc.

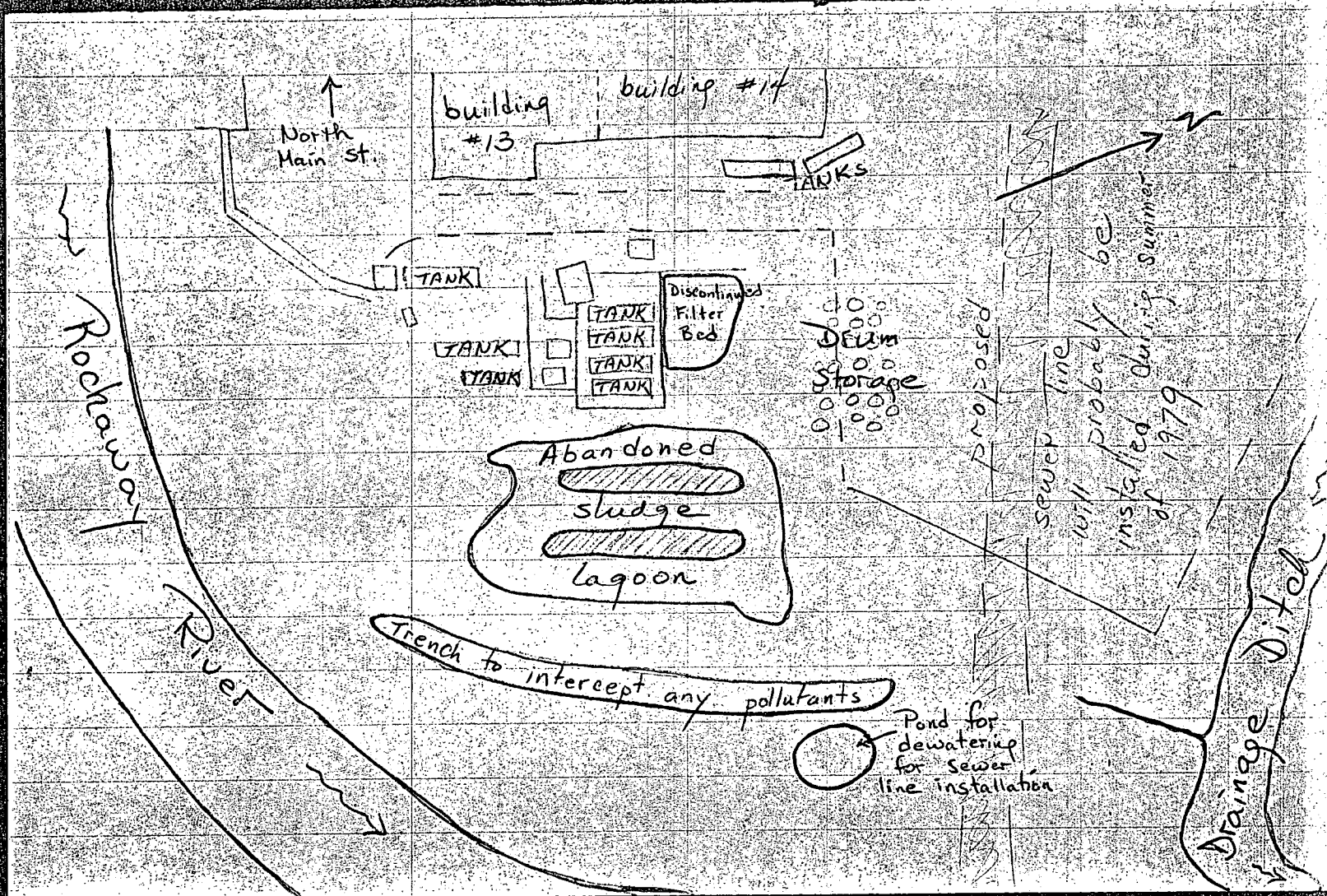
Fungicides: Bis Tri-Butyl Tin Oxide, and a condensation
product of 10,10' oxybisphenoxarsine and epoxidized
soy bean oil.

Calcium organic complex thickening agent

Naphtha

List of chemicals on property

L E Carpenter



U. S. Environmental Protection Agency

REGION IIHAZARDOUS WASTE SITEIDENTIFICATION AND PRELIMINARY ASSESSMENTSITE IDENTIFICATION

SITE NUMBER _____

Facility Name L.E. Carpenter Company
Phone Number _____
Address (City, 170 North Main Street
County, State) Wharton, New Jersey
Geographical LAT. 40 54 13
Coordinates LONG. 74 34 40
(degrees, minutes, seconds)
Owner of Facility "
Owner of Realty "
Operator "

NPDES
ALT-0003611STATE INFORMATION

Date site identified _____
How site identified _____
State Contact: Who George Klepp / DEP / Surface Impoundment Assessment
When _____

TYPE OF FACILITYActive ☒Inactive ☐Abandoned ☒ - Leakage - 1975Generator on-site facility ☐Generator off-site facility ☐Treatment ☐Storage ☒Disposal ☒* Type of Waste on Site: A. ☒ Liquid ☒ Solid ☐ Sludge☐ Volatile B. ☐ Corrosive ☐ Ignitable ☐ Radioactive☐ Toxic ☐ Reactive ☐ Municipal sludge☐ Municipal Refuse ☐ Inert ☐ Other (Indicate) _____Geology
Hornblende granite & gneiss
9 gneiss

*Attach list of all known substances, listed by (A) classification.
(Include oil and all petroleum products)

HAZARDOUS WASTE SITE - IDENTIFICATION AND PRELIMINARY ASSESSMENT


- 2 -

Waste Oil or Oil based compounds on site Yes (X) No ()

Amount of waste on site gallons/tons/barrels/cubic yards

Other measure:

Source of Information:

Manner of Storage, Disposal or  Pits.

40x20 Lagoon - reddish
☒ Impoundments color
 no liner

Handling:

Handling: ☒ Drums ☐ Tanks ☐ Deep Wells ☐ Above Ground

☒ Below Ground ☒ Incineration ☒ Transportation

☒ Land Farming ☐ Landfill ☐ Chemical Treatment

☒ Physical Treatment ☐ Biological Treatment ☐ Recycling

Open Dump (No Facility)

Size or Area of Site: Approximate area and dimensions, if known: 350' X 200' (site)

SUBSURFACE CONDITIONS (Geology and Geohydrology) (from USGS, etc.)

o Estimate depth to aquifer ~ 3-5

o Direction of flow SE.

- o Location of potential or actual recharge and discharge areas
gravel & sand aquifer

o Types of interconnection of aquifers

- o Ground water use in vicinity groundwater in area used as drinking water supply - wharton
- o Bedrock formations public supply well 1500 ft' (in plume of movement)

o Bedrock formations

--Type: (Circle) Sandstone, limestone, shale, Other _____,

Unknown - large stone

--Depth from surface

- o Soil strata and overburden

Rockaway R. runs along back of plant ~ 200 ft
probably in direction of groundwater movement.

HAZARDOUS WASTE SITE - IDENTIFICATION AND PRELIMINARY ASSESSMENT

- 2 a -

HAZARD DEFINITION (Check Appropriate)

- ☒ Contamination or Threatened Contamination of Surface Water
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- ☒ Contamination or Threatened Contamination of Groundwater
- ☒ Contamination or Threatened Contamination of Soil
- ☐ Threat of Fire or Explosion
- ☐ Access not controlled
- ☐ Population at Risk (Circle: Residential Area, Workforce, Publicity Traveled Area)
- ☐ Non-Compatible Waste
- ☐ Leaking Containers
- ☒ Visible Damage (structure, vegetation, etc.)
- ☒ Water Supplies Threatened
- ☐ Other (indicate) _____

KNOWN OR ALLEGED INCIDENTS

<u>TYPE</u>	<u>DATE</u>	<u>TYPE</u>	<u>DATE</u>
<input checked="" type="checkbox"/> Spill/Leak	<u>1/29/75</u>	<input type="checkbox"/> Surface Water Contamina- tion	<u>1/29/75</u>
<input type="checkbox"/> Promiscuous Dumping	_____	<input checked="" type="checkbox"/> Fish Kill	_____
<input type="checkbox"/> Incompatible Wastes Mixed	_____	<input type="checkbox"/> Wildlife Kill	_____
<input type="checkbox"/> Inadequate Security	_____	<input type="checkbox"/> Natural Disaster	_____
<input type="checkbox"/> Fire/Explosion	_____	<input type="checkbox"/> Worker Injury	_____
<input checked="" type="checkbox"/> Groundwater Contamination	_____	<input type="checkbox"/> Non-Worker Injury/ Exposure	_____
		<input type="checkbox"/> Property Damage	_____

REGULATORY ACTION TO DATE

All Applicable Permits Held

No SW permits

Reconnaissance, Inspections, or Sampling Survey (List Agency and Date)

Monitoring wells - problem with getting co. to get them installed

Past/Present Federal, State or Local Actions

NPDES involvement
solid waste - involved from Kellen Assoc. work on sewer systems
polluted water resulted - disposed of under direction of
DEP SW branch

PRELIMINARY ASSESSMENT *Apparent Seriousness of Problem ☒ High ☐ Medium☐ Low ☐ NoneState Action ☒ Planned ☐ Ongoing ☐ Concluded☒ Adequate ☐ Inadequate ☐ NonePriority for Site Inspection ☒ High ☐ Medium☐ Low ☐ None Needed

Date of Assessment _____

Prepared by _____

* If as a result of this preliminary assessment no further action is needed, complete the "Final Strategy Determination" Form.

REGION IIHAZARDOUS WASTE SITEIDENTIFICATION AND PRELIMINARY ASSESSMENTSITE IDENTIFICATIONSITE NUMBER

Facility Name L. E. Carpenter Co.
Phone Number _____
Address (City, 170 North Main St.
County, State) Wharton, N.J.
Geographical LAT. 40 54 13
Coordinates LONG. 74 34 40
(degrees, minutes, seconds)
Owner of Facility _____
Owner of Realty _____
Operator _____

NPDES Permit:
No NJ-0003611Leon Lagunas
handlingSTATE INFORMATION

Date site identified _____

How site identified _____

State Contact: Who George Klepp / DEP / Surface Impoundment
Assessment
~~Who~~ Bob Plumb / NJDEP - Newark officeTYPE OF FACILITYActive ☒ (Industrial facility) 8-477-0427Inactive ☒ (Lagoons)Abandoned ☐Generator on-site facility ☐Generator off-site facility ☐Treatment ☐Storage ☒Disposal ☒* Type of Waste on Site: A. ☒ Liquid ☒ Solid ☐ Sludge☐ Volatile B. ☐ Corrosive ☐ Ignitable ☐ Radioactive☐ Toxic ☐ Reactive ☐ Municipal sludge☐ Municipal Refuse ☐ Inert ☐ Other (Indicate) _____*Attach list of all known substances, listed by (A) classification.
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17 Open Dump. (No Facility)

Size or Area of Site: Approximate area and dimensions, if known: 350 ft X 200 ft

SUBSURFACE CONDITIONS (Geology and Geohydrology) (from USGS, etc.)

- o Estimate depth to aquifer Appx 3-5 ft
 - o Direction of flow Appears to be S.E.
 - o Location of potential or actual recharge and discharge areas _____
 - o Types of interconnection of aquifers _____
 - o Ground water use in vicinity Groundwater in area used as drinking water supply - Wharton public well 1500ft from site (in plume of groundwater movement from site)
 - o Bedrock formations _____
- Type: (Circle) Sandstone, limestone, shale, Other _____

Unknown

--Depth from surface

- o Soil strata and overburden

Rockaway River runs along rear of plant
appx 200 ft away. Probably impacted
by groundwater movement.

HAZARDOUS WASTE SITE IDENTIFICATION AND PRELIMINARY ASSESSMENT

- 2 a -

HAZARD DEFINITION (Check Appropriate)

- ☒ Contamination or Threatened Contamination of Surface Water
☐ Contamination or Threatened Contamination of Air
☒ Contamination or Threatened Contamination of Groundwater
☒ Contamination or Threatened Contamination of Soil
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KNOWN OR ALLEGED INCIDENTS

<u>TYPE</u>	<u>DATE</u>	<u>TYPE</u>	<u>DATE</u>
<input checked="" type="checkbox"/> Spill/Leak	1/29/75	<input type="checkbox"/> Surface Water Contamination	
<input type="checkbox"/> Promiscuous Dumping		<input checked="" type="checkbox"/> Fish Kill	1/29/75
<input type="checkbox"/> Incompatible Wastes Mixed		<input type="checkbox"/> Wildlife Kill	
<input type="checkbox"/> Inadequate Security		<input type="checkbox"/> Natural Disaster	
<input type="checkbox"/> Fire/Explosion		<input type="checkbox"/> Worker Injury	
<input checked="" type="checkbox"/> Groundwater Contamination		<input type="checkbox"/> Non-Worker Injury/Exposure	
		<input type="checkbox"/> Property Damage	

- 3 -

REGULATORY ACTION TO DATE

All Applicable Permits Held

NPDES involvement

Reconnaissance, Inspections, or Sampling Survey (List Agency and Date)

State is pressing for installation of monitoring wells, company presently not cooperating.DEP Solid Waste Admin has been involved in disposal of liquid waste which has resulted from sewer construction in the area.EPA S&A contractor presently preparing report on results of their inspection.

Past/Present Federal, State or Local Actions

PRELIMINARY ASSESSMENT *Apparent Seriousness of Problem ☐ High ☒ Medium☐ Low ☐ NoneState Action ☐ Planned ☐ Ongoing ☐ Concluded☐ Adequate ☐ Inadequate ☐ NonePriority for Site Inspection ☐ High ☒ Medium☐ Low ☐ None Needed

Date of Assessment

~ 9/28/79

Prepared by

Rm Testa

* If as a result of this preliminary assessment no further action is needed, complete the "Final Strategy Determination" Form.

U. S. Environmental Protection Agency

REGION II

HAZARDOUS WASTE SITE

IDENTIFICATION AND PRELIMINARY ASSESSMENT

SITE IDENTIFICATION

SITE NUMBER _____

Facility Name L.E. Carpenter Co.
Phone Number 201-366-2020
Address (City, Wharton, Morris County
County, State) New Jersey
Geographical Lat- 40-54.13 Long- 74-34.40
Coordinates (degrees, minutes, seconds)
Owner of Facility Dayco Corporation
Owner of Realty N/A
Operator L.E. Carpenter Co.

STATE INFORMATION

Date site identified 30 Jan 1975
How site identified Spill investigation
State Contact: Who Peter Lynch, George Klep
When 1 Oct 1979

TYPE OF FACILITY

Active ☒
Inactive ☐
Abandoned ☐
Generator on-site facility ☒

Generator off-site facility ☐

Treatment ☐

Storage ☒

Disposal ☐

* Type of Waste on Site: A. ☒ Liquid ☐ Solid ☒ Sludge
☒ Volatile B. ☐ Corrosive ☒ Ignitable ☐ Radioactive
☒ Toxic ☐ Reactive ☐ Municipal sludge
☐ Municipal Refuse ☐ Inert ☐ Other (Indicate) _____

*Attach list of all known substances, listed by (A) classification.
(Include oil and all petroleum products)

HAZARDOUS WASTE SITE - IDENTIFICATION AND PRELIMINARY ASSESSMENT

- 2 -

Waste Oil or Oil based compounds on site Yes () No (X)

Amount of waste on site 1/9/0/0 gallons/~~tons/boxes/cubic yards~~

Other measure: _____

Source of Information: Physical count of drums

Manner of Storage, Disposal or ☒ Pits ☐ Impoundments

Handling:

☒ Drums ☐ Tanks ☐ Deep Wells ☒ Above Ground

☐ Below Ground ☐ Incineration ☐ Transportation

☒ Land Farming ☐ Landfill ☐ Chemical Treatment

☐ Physical Treatment ☐ Biological Treatment ☐ Recycling

☐ Open Dump (No Facility)

Size or Area of Site: Approximate area and dimensions,
if known: 60' X 100'

SUBSURFACE CONDITIONS (Geology and Geohydrology) (from USGS, etc.)

o Estimate depth to aquifer 4 to 5 feet

o Direction of flow East Northeast (ENE)

o Location of potential or actual recharge and discharge
areas Rockaway River - Approximately 200 feet away

o Types of interconnection of aquifers _____

o Ground water use in vicinity Municipal Water Supply

o Bedrock formations

--Type: (Circle) Sandstone, limestone, shale, Other _____,

Unknown

--Depth from surface Approximately 70 feet

o Soil strata and overburden Unconsolidated sediment, glacial outwash

HAZARDOUS WASTE SITE - IDENTIFICATION AND PRELIMINARY ASSESSMENT

- 2 a -

HAZARD DEFINITION (Check Appropriate)

- ☒ Contamination or Threatened Contamination of Surface Water
☐ Contamination or Threatened Contamination of Air
☒ Contamination or Threatened Contamination of Groundwater
☒ Contamination or Threatened Contamination of Soil
☐ Threat of Fire or Explosion
☒ Access not controlled
☐ Population at Risk (Circle: Residential Area, Workforce, Publicity Traveled Area)
☐ Non-Compatible Waste
☒ Leaking Containers
☒ Visible Damage (structure, vegetation, etc.) Possible
☒ Water Supplies Threatened
☐ Other (indicate) _____

KNOWN OR ALLEGED INCIDENTS

<u>TYPE</u>	<u>DATE</u>	<u>TYPE</u>	<u>DATE</u>
<input checked="" type="checkbox"/> Spill/Leak	30 Jan 1975	<input checked="" type="checkbox"/> Surface Water Contamination	30 Jan 1975
<input type="checkbox"/> Promiscuous Dumping	_____	<input checked="" type="checkbox"/> Fish Kill	30 Jan 1975
<input type="checkbox"/> Incompatible Wastes Mixed	_____	<input type="checkbox"/> Wildlife Kill	_____
<input type="checkbox"/> Inadequate Security	_____	<input type="checkbox"/> Natural Disaster	_____
<input type="checkbox"/> Fire/Explosion	_____	<input type="checkbox"/> Worker Injury	_____
<input checked="" type="checkbox"/> Groundwater Contamination	May 1979	<input type="checkbox"/> Non-Worker Injury/Exposure	_____
		<input type="checkbox"/> Property Damage	_____

HAZARDOUS WASTE SITE - IDENTIFICATION AND PRELIMINARY ASSESSMENT

- 3 -

REGULATORY ACTION TO DATE

All Applicable Permits Held

None

Reconnaissance, Inspections, or Sampling Survey (List Agency and Date)

Sample analysis - 3 Feb 1975 - EPA

- May 1979 - Wharton Public Water

Past/Present Federal, State or Local Actions

Federal Fine - FWPCA - \$4,000.00

PRELIMINARY ASSESSMENT *

Apparent Seriousness of Problem ☐ High ☒ Medium

☐ Low ☐ None

State Action ☐ Planned ☒ Ongoing ☐ Concluded

☐ Adequate ☐ Inadequate ☐ None

Priority for Site Inspection ☐ High ☒ Medium

☐ Low ☐ None Needed

Date of Assessment 5 October 1979

Prepared by

Kerry T. Webster

* If as a result of this preliminary assessment no further action is needed, complete the "Final Strategy Determination" Form.